

By Her Majesty's



Royal Letters Patent.


CLARK'S

PATENT GULLY TRAP

FOR

STREET AND PRIVATE DRAINAGE PURPOSES

The attention of Engineers and Surveyors to Corporations and Local Boards of Health, Builders, Contractors, and others interested in the Improvements in Sanitary Appliances, is invited to this Gully as now Improved, which possesses such decided advantages as to render it the most efficient Gully yet produced. It affords a perfect trap to the noxious Gases of the Sewers at all times, is easier cleansed, has great flushing power, and when the Sludge Box is removed the Drain is still trapped, and at the same time securely protected, matters which are of great importance in Gullies for Public Streets and Private Drainage purposes.

 For Drawings see over.

EXORS. OF LATE

DANIEL CLARK,
WATERLOO FOUNDRY, CARLISLE.

Figure 1.

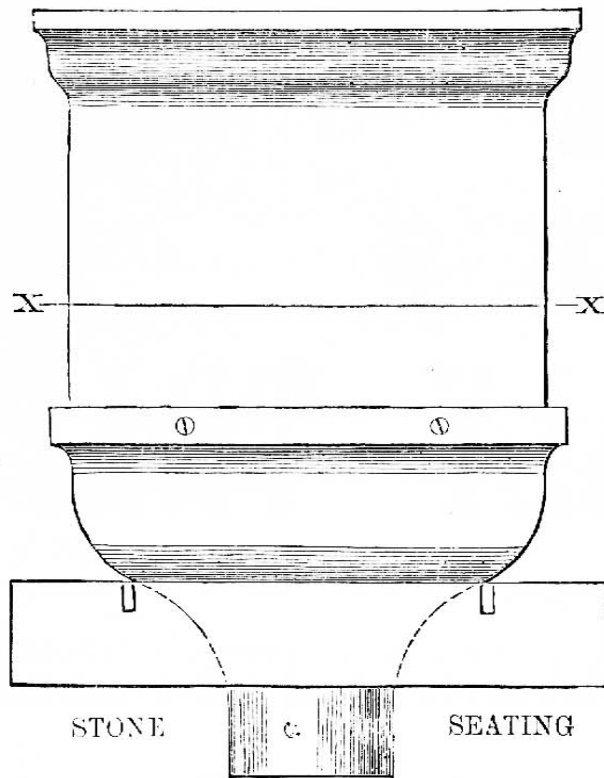


Figure 2.

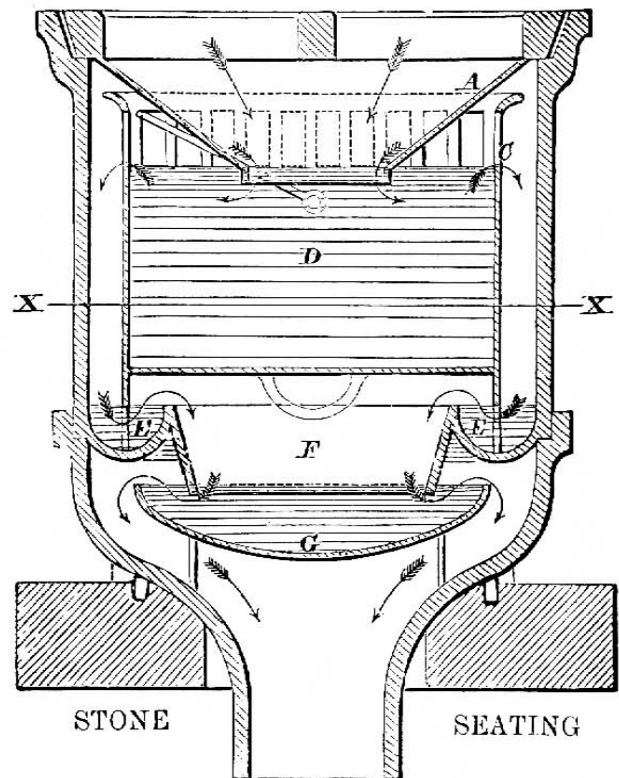
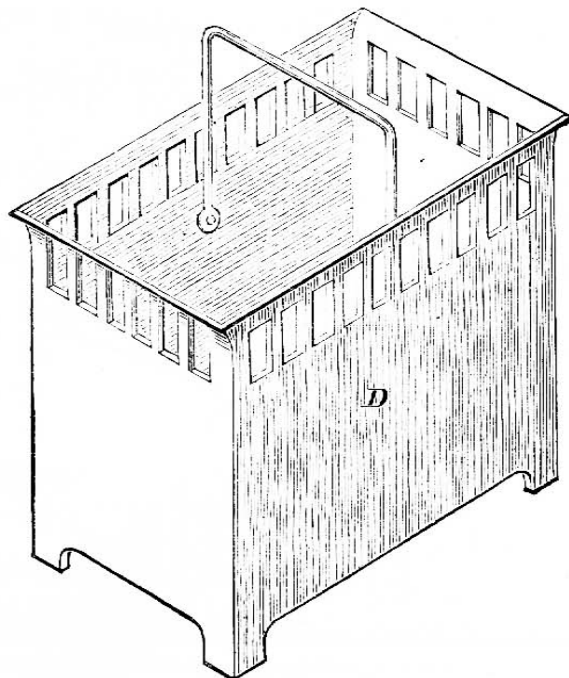


Figure 3.



DESCRIPTION OF DRAWINGS.

SCALE— $1\frac{1}{2}$ INCH TO THE FOOT.

Figure 1 is an external elevation of the Gully fixed in position.

Figure 2 is a sectional elevation showing the various working parts. *A* is a nopper cast with the top grate, which has the effect of reducing the evaporating surface of the Water to a minimum, and by dipping below the overflow, *C*, forms the first trap. *D* is a sludge box with a moveable handle which falls back as indicated, with a second handle for facilitating its being emptied, cast on the bottom. The grating or slits at top of box effectually prevent the passage of anything beyond the box which would be likely to conduce to the choking of drain, and the box is so made as to form, with the cup cast on the outer casing, a second trap *E*.

G is a seal to the drain to prevent its being tampered with when the sludge box is removed, forming at the same time, with the second hopper *F*, a third trap, so far removed from the influence of the atmosphere and sun's rays, as to ensure a perfect trap at all times.

Figure 3 is an isometrical view of the sludge box.

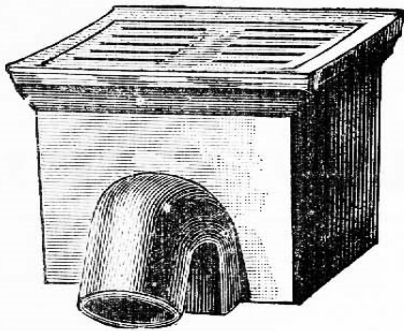
The sizes of Gullies usually manufactured as printed on other page are outside dimensions, but the Patentee will be glad to make special arrangements with Engineers for other sizes, and for hinging or dishing the top grate or otherwise.

All Orders or Communications to be addressed to

EXORS. OF LATE

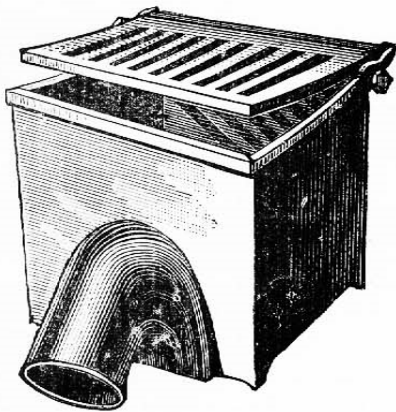
DANIEL CLARK, WATERLOO FOUNDRY, CARLISLE.

Gully, Side or Bottom Outlet. with Sludge Basket, complete.



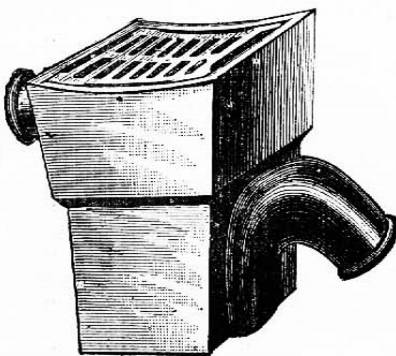
Sizes—10in. x 7in., 12in. x 8in., 14in. x 10in., 16in. x 12in., 18in. x 12in., 20in. x 15in., 24in. x 16in., 30in. x 18in.

Side Outlet Gully with Hinged Grate.



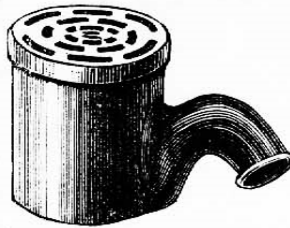
Sizes—10in. x 7 in., 12in. x 8in., 14in. x 10in., 16in. x 12in., 18in. x 12in.

Extra Deepened Gully, Inlet and Outlet at opposite sides, with two Gratings.



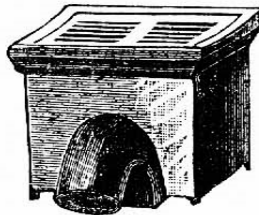
Sizes—10in. x 7in., 12in. x 8 in., 14in. x 10in.

Circular Gully with Side or Bottom Outlet.



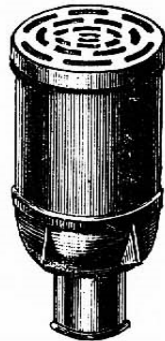
Sizes—6in., 7in., 8in., 9in., 10in., 11in., 12in. diameter.

Gully, Side or End Outlet, with Sludge Basket, complete.



Sizes—10in. x 7in., 12in. x 8in., 14in. x 10in., 16in. x 12in., 18in. x 12in., 20in. x 15in.

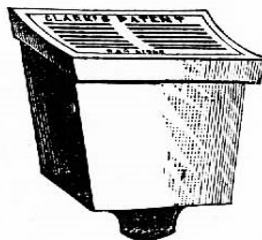
Treble Trapped Gully.



Sizes—6in., 7in., 8in., 9in., 10in., 11in., 12in. diameter.

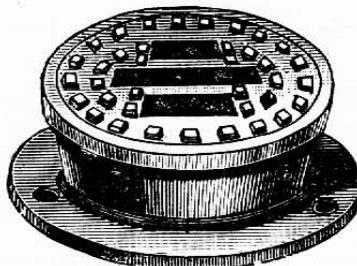
10in. x 7in., 12in. x 8in., 14in. x 10in., 18in. x 12in., 20in. x 15 in., 24in. x 16in., 30in. x 18in. square.

Gully, Bottom Outlet, with Sludge Basket, complete.



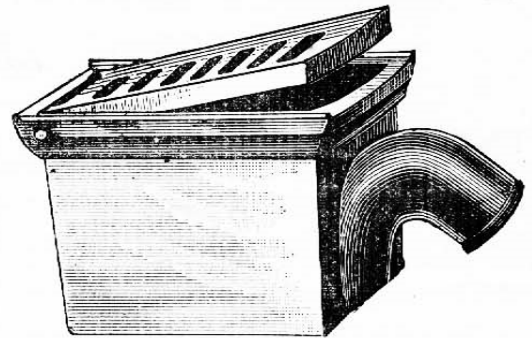
Sizes—10in. x 7in. 12in. x 8in., 14in. x 10in., 16in. x 12in., 18in. x 12in., 20in. x 15in.

Lamphole Covers.



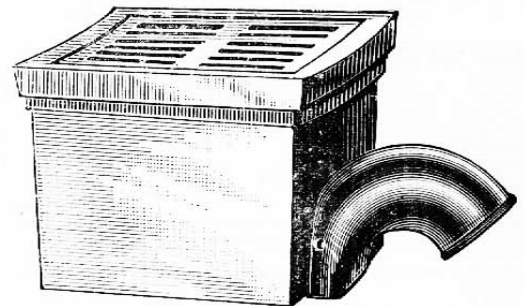
Bottom Flange from 13in. upwards x 5in. deep. Clear opening 7 1/4 in., with or without Galvanized Bucket

End Outlet Gully, with Hinged extra strong Grate.



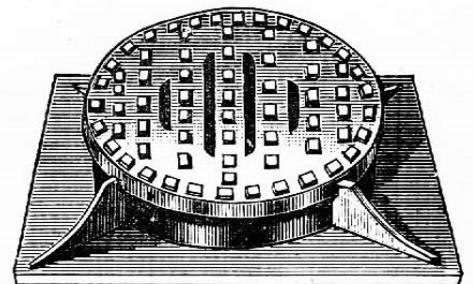
Sizes—18in. x 12in., and 20in. x 15in.

End Outlet Gully, with Sludge Basket complete.



Sizes—10in. x 7in., 12in. x 8in., 14in. x 10in., 16in. x 12in., 18in. x 12in., 20in. x 15in.

Round Manhole Covers.



Bottom Flange from 2ft. 3in. upwards x 7in. deep. Clear Opening 16 in, with or without Galvanized Bucket.

PRICE LIST WITH DIMENSIONS

OF

Patent Gullies and Sewer Castings,

FOR PUBLIC AND PRIVATE DRAINAGE PURPOSES,

MANUFACTURED BY

DANIEL CLARK, Waterloo Foundry, CARLISLE

No.	DESCRIPTION.				Top Dimensions.	Price of Treble Trapped Gully.	Price of Double Trapped Gully.	Price of Gully, with Side or End Outlet.
1	CLARK'S PATENT STENCH TRAPPED GULLY (for Public Streets)	...	30	18	100	0	95	100
2	Do. Do. Do. Do.	...	24	16	80	0	75	80
3	Do. Do. Do. Do.	...	20	15	40	0	37	40
4	Do. Do. Do. Do.	...	18	12	33	0	30	33
5	Do. Do. Do. Do.	...	16	12	30	0	28	30
6	Do. Do. Do. (for Private Drainage)	...	14	10	20	0	19	20
7	Do. Do. Do. Do.	...	12	8	15	0	14	15
8	Do. Do. Do. Do.	...	10	7	12	0	11	12
9	Do. Do. Do. Do.	...	12	dia.	15	0	14	15
10	Do. Do. Do. Do.	...	10	"	12	0	11	12
11	Do. Do. Do. Do.	...	9	"	11	0	10	11
12	Do. Do. Do. Do.	...	8	"	10	0	9	10
13	Do. Do. Do. Do.	...	7	"	9	0	8	9
14	Do. Do. Do. (for Sink Stones)	...	6	"	8	0	7	8
15	Do. Do. Do. Do.	...	5	"	7	0	6	7
16	Do. Do. Do. Do.	...	4	"	6	0	5	6

STREET GULLIES, WITH SIDE OR END OUTLET. (WITHOUT SLUDGE BOX).

				Length.	Breadth.	Depth.	Price.
A	...	...	...	33in.	12in.	39in.	80s.
B	...	...	...	16in.	12in.	35in.	70s.

DESCRIPTION.	Price.	DESCRIPTION.	Price.
Manhole and Plug, Square Top, Bottom Flange, 36in. by 32in. Clear opening, 20in. by 15in. by 9in. deep	75 0	Combined Lamphole and Ventilating Grate, with Removable Grate. Size of Bottom Flange, 36in. by 24in.	55 0
Do. Do. Oval Top, Do.	70 0	Combined Lamphole and Ventilating Grate. Size of Bottom Flange, 27in. by 20in. Clear opening, 13in.	40 0
Manhole and Plug, Square Top, Bottom Flange, 26in. by 21in. Clear opening, 20in. by 15in. by 9in. deep	70 0	Ventilating Grate, with Removable Grate. Bottom Flange, 37in. by 29in. Clear opening, 27in. by 9in. by 7in. deep	50 0
Do. Do. Oval Top, Do.	65 0	Do. Do. Bottom Flange, 18in. by 15in. by 29in. Clear opening, 18in. by 18in. by 10in. deep	35 0
Manhole and Plug, Square Top, Bottom Flange, 36in. by 32in. Clear opening, 18in. by 14in. by 7in. deep	70 0	Do. Do. Bottom Flange, 30in. by 18in. Clear opening, 17in. by 6in. by 8 in. deep	35 0
Do. Do. Oval Top, Do.	65 0	Do. Do. Bottom Flange, 18in. by 18in. Top Flange, 14in. by 14in. Clear opening, 10in. by 4 1/2 in. deep	20 0
Manhole and Plug, Square Top, Bottom Flange, 24in. by 20in. Clear opening, 18in. by 14in. by 7in. deep	42 6	Do. Do. Do. Do. but 9in. deep	27 6
Do. Do. Oval Top, Do.	40 0	Heavy Fixed Ventilating Grate, with 4 Divisions. Bottom Flange, 24in. by 12in. Top Flange, 18in. by 6in. by 6in. deep	18 0
Lamphole and Plug, Square Top, Bottom Flange, 25in. by 25in. Clear opening, 8in. by 9in. deep	30 0	Light Do. Do. Do. Size as above	15 0
Do. Do. Round Top, Do.	27 6	Horizontal Charcoal Basket, 29in. by 22in. by in. deep	15 0
Lamphole and Plug, Square Top, Bottom Flange, 16in. by 16in. Clear opening, 8in. by 9in. deep	25 0	Vertical Do. Do. 21in. high, 16in. wide, 5in. broad	15 0
Do. Do. Round Top, Do.	22 6	Do. Do. Do. 21in. by 16in. by 8in.	15 0
Lamphole and Plug, Square Top, Bottom Flange, 25in. by 25in. Clear opening, 8in. by 6in. deep	25 0	Round Do. Do. for Combined Lamphole and V. G., 13in., dia. by 2in. deep	10 0
Do. Do. Round Top, Do.	17 6	Flushing Box, Bottom Flange, 15in. by 19in. Top Flange 9in. by 7in. Height 16in.	10 0
Lamphole and Plug, Square Top, Bottom Flange, 13in. dia. Clear opening, 8in. by 6in.	15 0	Do. Do. Bottom Flange, 13in. by 12in. Top Flange, 9in. by 7in. Height 10in.	8 0
Manhole and Plug, with Hinged Metal Cover and Brass-locking Bolt. Size of Bottom Flange, 32in. by 26in. Clear opening, 20in. by 16in. by 6in. deep	35 0	Surface Boxes for Sluice Valve, Bottom Flange, 15in. dia. Top Flange, 6in. by 6in. Height, 18in.	10 0
Do. Do. Size of Bottom Flange, 30in. by 30in. Clear opening, 20in. by 20in. by 6in. deep	35 0	Rain Water Trap, for 4in., 3 1/2 in., 3in., and 2 1/2 in. Pipes	10 0
Do. Do. Size of Bottom Flange, 29in. by 25in. Clear opening, 18in. by 14in. by 9in. deep	30 0	Step Irons	1 6
		Lifting Keys for Manhole Covers and Lamphole Plugs	2 6
		Best Oak Wood Charcoal	10 0 per Cwt.

ALSO MANUFACTURER OF Latham's Patent Sewer Ventilators; Young's Improved Ball Valves, combined with Clark's Patent Gullies for preventing the flooding of street or cellars; Penstocks; Flushing Grates; Tidal or Flap Valves; Sluice Valves; Side Entrance Safety Gratings, etc., etc.—Drawings and Prices of which will be forwarded on application.

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